



CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I, Lisa Mansur, hereby certify that this correspondence, pursuant to 37 C.F.R. §1.8, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: August 12, 2004

By Lisa Mansur

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

Applicant(s): Martin J. Murphy Docket No.: 58651.00004  
Application No.: 10/825,724 Group Art Unit: 2875  
Filing Date: April 15, 2004 Examiner: Not Yet Assigned  
Title: SYSTEMS AND METHODS FOR SPECTRAL CORRECTED  
LIGHTNING DETECTION

**TRANSMITTAL OF MISSING PARTS OF NONPROVISIONAL APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed on July 6, 2004 in the above-identified application, enclosed herewith are the missing parts needed to complete filing of the subject patent application.

**1. Small entity Status**

[ ] Applicant asserts Small entity status under 37 C.F.R. §§ 1.9 and 1.27.

**2. Fee Calculation**

	Claims filed	Basic claims	Present Extra	Fees
Basic filing fee and Surcharge				\$130.00
Total Claims	40	minus 20	= 0 x \$ 18.00 =	\$0.00
Independent Claims	4	minus 3	= 0 x \$ 86.00 =	\$0.00
			Subtotal =	\$130.00

<input type="checkbox"/> Missing parts filed within first month after due date - add	+ 110.00
<input type="checkbox"/> Missing parts filed within second month after due date - add	+ 420.00
<input type="checkbox"/> Missing parts filed within third month after due date – add	+ 950.00
<input type="checkbox"/> Missing parts filed within fourth month after due date – add	+ 1480.00
<input type="checkbox"/> Missing parts filed within fifth month after due date – add	+ 2010.00
	Subtotal: \$130.00
If “small entity” status box above is checked, enter half (1/2) of Subtotal and subtract	\$0.00
	TOTAL FILING FEE = \$130.00
If “assignment” box is checked, add recording fee:	+ \$ 40.00 = \$40.00
	TOTAL FEE ENCLOSED = \$170.00

**3. Enclosures** (check as applicable)

- Notice of Missing Parts (copy)
- Executed Declaration and Oath
- Statement(s) of Small Entity Status under 37 C.F.R. §§1.9(c), 1.9(d), and 1.27
- Check for fees
- Assignment and Recordation Form Cover Sheet
- Information Disclosure Statement pursuant to 37 C.F.R §§1.97-1.99 (with PTO Form 1449 and copies of cited documents)
- Other:

Extra copies of this letter:

- for charge to deposit account
- for Assignment

**4. Manner of Payment**

- Please charge Deposit Account No. 19-3878 in that amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is attached.
- A check in the amount of \$ 170.00 is attached.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-3878 **for which purpose a duplicate copy of this sheet is attached.**

**5. Assignment**

[ x ] An Assignment of this application is enclosed. Please record the Assignment and return the recorded Assignment to the undersigned attorney.

The Patent and Trademark Office is respectfully requested to forward the application for examination.

Respectfully submitted,

Date: August 12, 2004

By   
William R. Bachand  
Reg. No. 34,980

SQUIRE, SANDERS & DEMPSEY L.L.P.  
Two Renaissance Square  
40 North Central Avenue, Suite 2700  
Phoenix, Arizona 85004-4498  
(602) 528-4100  
# 291981



UNITED STATES PATENT AND TRADEMARK OFFICE

O I P E  
AUG 16 2004  
P T O - T R A D E M A R K O F F I C E  
SC112

Page 1 of 1  
*JW*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/825,724	04/15/2004	Martin J. Murphy	58651.00004

Squire, Sander & Dempsey L.L.P.  
Two Renaissance Square  
Suite 2700  
40 North Central Avenue  
Phoenix, AZ 85004-4498

CONFIRMATION NO. 9944  
FORMALITIES LETTER



\*OC000000013153083\*

Date Mailed: 07/06/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.

*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/17/2004 MAHMED1 00000031 10825724

01 FC:1051

130.00 OP